



TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application No.	10/664,023
	Filing Date	September 15, 2003
	First Named Inventor	Tinku Acharya
	Art Unit	Not Assigned
	Examiner Name	Not Assigned
Total Number of Pages in This Submission		Attorney Docket Number 42P15466X

ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 12, 2003

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Signature		Date	December 12, 2003



THE UNITED STATES PATENT AND TRADEMARK OFFICE
In Re: Application of:

TINKU ACHARYA

Application No.: 10/664,023

Filed: September 15, 2003

For: **FOUR-COLOR MOSAIC PATTERN FOR
DEPTH AND IMAGE CAPTURE**

Art Group: Not Assigned

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 10/376,156, filed February 28, 2003) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

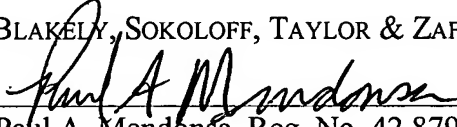
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: December 12, 2003


Paul A. Mendonça, Reg. No. 42,879

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025

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Deborah L. Higham

12-12-03

Date



(use as many sheets as necessary)

Sheet	2	of	9
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Complete if Known

Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466x

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	21	US-6,236,433 B1	05-22-2001	Acharya et al.	
	22	US-6,236,765 B1	05-22-2001	Acharya	
	23	US-6,269,181 B1	07-31-2001	Acharya	
	24	US-6,275,206 B1	08-14-2001	Tsai et al.	
	25	US-6,285,796 B1	09-04-2001	Acharya et al.	
	26	US-6,292,114 B1	09-18-2001	Tsai et al.	
	27	US-6,301,392 B1	10-09-2001	Acharya	
	28	US-6,348,929 B1	02-19-2002	Acharya et al.	
	29	US-6,351,555 B1	02-26-2002	Acharya et al.	
	30	US-6,356,276 B1	03-12-2002	Acharya	
	31	US-6,366,692 B1	04-02-2002	Acharya	
	32	US-6,366,694 B1	04-02-2002	Acharya	
	33	US-6,373,481 B1	04-16-2002	Tan et al.	
	34	US-6,377,280 B1	04-23-2002	Acharya et al.	
	35	US-6,381,357 B1	04-30-2002	Tan et al.	
	36	US-6,392,699 B1	05-21-2002	Acharya	
	37	US-6,535,648 B1	03-18-2003	Acharya	
	38	US-6,449,380 B1	09-10-2002	Acharya et al.	
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**Examiner
Signature**

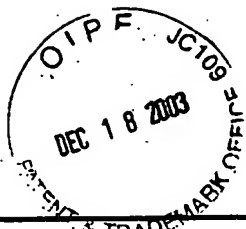
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¹Applicant's unique citation designation number (optional). ²See Kinds' Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466 X

Sheet 3 of 9

OTHER ART - NON PATENT LITERATURE DOCUMENTS

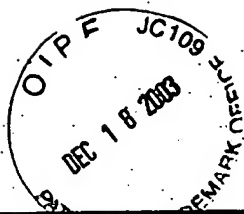
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
	39	TINKU ACHARYA, "A Memory Based VLSI Architecture for Image Compression," Filed 6/30/1997, Application No.: 08/885,415, pp. 1-36, Atty. Docket No.: 042390.P4425.	
	40	BAWOLEK ET AL., "Infrared Correction System," Filed 7/30/1998, Application No.: 09/126,203, pp. 1-23, Atty. Docket No.: INTL-0072-US (P6172).	
	41	PAZMINO ET AL., "Method of Compressing and/or Decompressing a Data Set Using Significance Mapping," Filed 9/11/1998, Application No.: 09/151,336, pp. 1-26, Atty. Docket No.: 042390.P6391.	
	42	TAN ET AL., "Robust Sequential Approach in Detecting Defective Pixels within an Image Sensor," Filed 11/13/1998, Application No.: 09/191,310, pp. 1-35, Atty. Docket No.: 042390.P6575.	
	43	ACHARYA ET AL., "Color Interpolation for a Four Color Mosaic Pattern," Filed 11/24/1998, Application No.: 09/199,836, pp. 1-26, Atty. Docket No.: 042390.P6376	
	44	TAN ET AL., "Using an Electronic Camera to Build a File Containing Text," Filed 4/29/1999, Application No.: 09/301,753, pp. 1-21, Atty. Docket No. 042390.P5742.	
	45	TSAI ET AL., "Method and Apparatus for Adaptively Sharpening an Image," Filed 5/26/1999, Application No.: 09/320,192, pp. 1-29, Atty. Docket No.: 042390.P6452.	
	46	TAN ET AL., "Method and Apparatus for Adaptively Sharpening Local Image Content of an Image," Filed 6/09/1999, Application No.: 09/328,935, pp. 1-29, Atty. Docket No.: 042390.P7125.	
	47	TAN ET AL., "A Hardware Efficient Wavelet-Based Video Compression Scheme," Filed 6/29/1999, Application No.: 09/342,863, pp. 1-32, Atty. Docket No.: 042390.P6529.	
	48	TAN ET AL., "A Methodology for Color Correction with Noise Regulation," Filed 7/23/1999, Application No.: 09/359,231, pp. 1-30, Atty. Docket No.: 042390.P7320.	
	49	ACHARYA ET AL., "Image Processing Method and Apparatus," Filed 7/23/1999, Application No.: 09/359,523, pp. 1-16, Atty. Docket No.: INTL-0237-US (P7323).	
	50	ACHARYA ET AL., "Zerotree Encoding of Wavelet Data," Filed 9/03/1999, Application No.: 09/390,255, pp. 1-22, Atty. Docket No.: INTL-0210-US (P7057).	
	51	ACHARYA ET AL., "A Fuzzy Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,136, pp. 1-28, Atty. Docket No.: 042390.P7114.	
	52	ACHARYA ET AL., "A Fuzzy Distinction Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,017, pp. 1-29, Atty. Docket No.: 042390.P7115.	

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/664,023		
		Filing Date	9/15/2003		
		First Named Inventor	Tinku Acharya		
		Art Unit	Not Assigned		
		Examiner Name	Not Assigned		
Sheet	4	of	9	Attorney Docket Number	42P15466 x

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	53	TINKU ACHARYA, "Video Motion Estimation," Filed 9/27/1999, Application No.: 09/406,032, pp. 1-24, Atty. Docket No.: INTL-0260-US (P7330).	
	54	ACHARYA ET AL., "Method of Intetpolating Color Pixel Signals from a Subsampled Color Image," Filed 10/01/1999, Application No.: 09/410,800; Atty. Docket No.: 042390.P7331.	
	55	ACHARYA ET AL., "Method of Compressing a Color Image," Filed 10/01/1999, Application No.: 09/411,697, pp. 1-26, Atty. Docket No.: 042390.P7463.	
	56	ACHARYA ET AL., "Square Root Raised Cosine Symmetric Filter for Mobile Telecommunications," Filed 10/29/1999, Application No.: 09/429,058, pp. 1-26, Atty. Docket No.: INTL-0280-US (P7629).	
	57	TINKU ACHARYA, "Discrete Filter," Filed 11/02/1999, Application No.: 09/432,337, pp. 1-16, Atty. Docket No.: INTL-0277-US (P7626).	
	58	ACHARYA ET AL., "Indexing Wavelet Compressed Video for Efficient Data Handling," Filed 11/10/1999, Application No.: 09/438,091, pp. 1-29, Atty. Docket No.: INTL-0261-US (P6454).	
	59	TINKU ACHARYA, "Method of Upscaling a Color Image," Filed 12/14/1999, Application No.: 09/461,080, pp. 1-22, Atty. Docket No.: 042390.P7489.	
	60	TINKU ACHARYA, "Method of Converting a Sub-Sampled Color Image," Filed 12/14/1999, Application No.: 09/461,068, pp. 1-22, Atty. Docket No.: 042390.P7490.	
	61	ACHARYA ET AL., "Chip Rate Selectable Square Root Raised Cosine Filter for Mobile Telecommunications," Filed 12/20/1999, Application No.: 09/467,487, pp. 1-44, Atty. Docket No.: INTL-0323-US (P8026).	
	62	MIAO ET AL., "Dual Mode Filter for Mobile Telecommunications," Filed 11/18/1999, Application No.: 09/467,611, pp. 1-31, Atty. Docket No.: INTL-0324-US (P8027).	
	63	METZ ET AL., "Image Processing Architecture," Filed 12/28/1999, Application No.: 09/473,643, pp. 1-16, Atty. Docket No.: INTL-0322-US (P8050).	
	64	TINKU ACHARYA, "A Block-Matching Algorithm for Color Interpolation," Filed 1/28/2000, Application No.: 09/494,087, pp. 1-45, Atty. Docket No.: 042390.P5090D.	
	65	ACHARYA ET AL., "Method of Inverse Quantizing Quantized Signal Samples of an Image During Image Decompression," Filed 2/18/2000, Application No.: 09/507,213, pp. 1-32, Atty. Docket No.: 042390.P8350.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	107664,023		
		Filing Date	9/15/2003		
		First Named Inventor	Tinku Acharya		
		Art Unit	Not Assigned		
		Examiner Name	Not Assigned		
Sheet	5	of	9	Attorney Docket Number	42P15466X

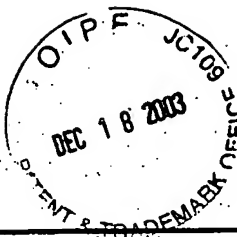
OTHER ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡	
	66	ACHARYA ET AL., "Method of Quantizing Signal Samples of an Image During Image Compression," Filed 2/18/2000, Application No.: 09/507,399, pp. 1-24, Atty. Docket No.: 042390.P7135.		
	67	ACHARYA ET AL., "Method of Integrating a Watermark into an Image," Filed 3/06/2000, Application No.: 09/519,874, pp. 1-27, Atty. Docket No.: 042390.P7136.		
	68	ACHARYA ET AL., "Method of Using Hue to Interpolate Color Pixel Signals," Filed 6/12/2000, Application No.: 09/591,867, pp. 1-23, Atty. Docket No.: 042390.P8746.		
	69	KIM ET AL., "Method of Performing Motion Estimation," Filed 6/16/2000, Application No.: 09/596,127, pp. 1-28, Atty. Docket No.: 042390.P8747.		
	70	DUNTON ET AL., "Dual Mode Digital Camera for Video and Still Operation," Filed 6/16/2000, Application No.: 09/595,055, pp. 1-30, Atty. Docket No.: 042390.P5079C.		
	71	ACHARYA ET AL., "Method of Compressing an Image," Filed 6/19/2000, Application No.: 09/597,354, pp. 1-23, Atty. Docket No.: 042390.P8760.		
	72	ACHARYA ET AL., "Method of Video Coding the Movement of a Human Face from a Sequence of Images," Filed 6/30/2000, Application No.: 09/608,989, pp. 1-25, Atty. Docket No.: 042390.P8762.		
	73	ACHARYA ET AL., "Method of Video Coding Shoulder Movement from a Sequence of Images," Filed 6/30/2000, Application No.: 09/607,724, pp. 1-24, Atty. Docket No.: 042390.P8763.		
	74	ACHARYA ET AL., "Model-Based Video Image Coding," Filed 6/30/2000, Application No.: 09/608,991, pp. 1-36, Atty. Docket No.: 042390.P8764.		
	75	TINKU ACHARYA, "Techniques to Implement One-Dimensional Compression," Filed 9/18/2000, Application No.: 09/666,486, pp. 1-18, Atty. Docket No.: 042390.P9921.		
	76	ACHARYA ET AL., "Imaging Device Connected to Processor-Based System Using High-Bandwidth Bus," Filed 11/29/2000, Application No.: 09/726,773, pp. 1-31, Atty. Docket No.: INTL-0494-US (P10274).		
	77	ACHARYA ET AL., "A Method for Block-Based Digital Image Watermarking," Filed 11/29/00, Application No.: 09/727,288, pp. 1-11, Atty. Docket No.: 5038-84 (P10266).		
	78	ACHARYA ET AL., "Color Filter Array & Color Interpolation Algorithm," Filed 11/30/2000, Application No.: 09/727,038, pp. 1-36, Atty. Docket No.: INTL-0512-US (P10263).		
	79	KIM ET AL., "Method of Performing Video Encoding Rate Control," Filed 1/03/2001, Application No.: 09/754,227, pp. 1-28, Atty. Docket No.: 042390.P10264.		

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Sheet	6	of	9	Attorney Docket Number	42P15466 X

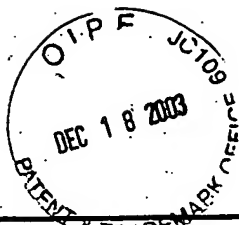
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	80	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Motion Estimation," Filed 1/03/2001; Application No.: 09/754,683, pp. 1-27, Atty. Docket No.: 042390.P10265.		
	81	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Bit Budget," Filed 1/03/2001, Application No.: 09/754,682, pp. 1-25, Atty. Docket No.: 042390.P10587.		
	82	TINKU ACHARYA, "Multiplierless Pyramid Filter," Filed 1/03/2001, App. No.: 09/754,684, pp. 1-22; Atty. Docket No.: 042390.P10722.		
	83	ACHARYA ET AL., "Image Retrieval Using Distance Measure," Filed 3/23/2001, Application No.: 09/817,000, pp. 1-28, Atty. Docket No.: INTL-0542-US (P10975).		
	84	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 3/26/2001, Application No.: 09/817,711, pp. 1-32, Atty. Docket No.: 042390.P11275.		
	85	TINKU ACHARYA, "Pyramid Filter," Filed 3/28/2001, Application No.: 09/820,108, pp. 1-23, Atty. Docket No.: 042390.P11211.		
	86	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 3/30/2001, Application No.: 09/823,212, pp. 1-37, Atty. Docket No.: 042390.P11276.		
	87	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 3/30/2001, Application No.: 09/823,390, pp. 1-38, Atty. Docket No.: 042390.P11277.		
	88	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 4/30/2001, Application No.: 09/846,609, pp. 1-37, Atty. Docket No.: 042390.P11474.		
	89	TAN ET AL., "Reduction of Ringing Artifacts After Decompression of a DWT-Based Compressed Image," Filed 5/22/2001, Application No.: 09/863,478, pp. 1-24, Atty. Docket No.: 042390.P6220D.		
	90	ACHARYA ET AL., "Method & Apparatus for Coding of Wavelet Transformed Coefficients," Filed 5/29/2001, Application No.: 09/867,781, pp. 1-44, Atty. Docket No.: 042390.P11706.		
	91	ACHARYA ET AL., "Method & Apparatus for Three-Dimensional Wavelet Transform," Filed 5/29/2001, Application No.: 09/867,784, pp. 1-30, Atty. Docket No.: 042390.P11707.		
	92	TINKU ACHARYA, "Techniques to Implement Two-Dimensional Compression," Filed 9/18/2000, Application No.: 09/664,131, pp. 1-24, Atty. Docket No.: 042390.P9922.		
	93	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,829, pp. 1-24, Atty. Docket No.: 042390.P9823.		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

7

of

9

Complete if Known

Application Number 10/664,023

Filing Date 9/15/2003

First Named Inventor Tinku Acharya

Art Unit Not Assigned

Examiner Name Not Assigned

Attorney Docket Number 42P15466X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T†
	94	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,830, pp. 1-27, Atty. Docket No.: 042390.P9824.	
	95	ACHARYA ET AL., "A Method of Generating Huffman Code Length Information," Filed 10/31/2000, Application No.: 09/704,392, pp. 1-25, Atty. Docket No.: 042390.P9804.	
	96	ACHARYA ET AL., "A Method of Performing Huffman Decoding," Filed 10/31/2000, Application No.: 09/704,380, pp. 1-26, Atty. Docket No.: 042390.P9820.	
	97	ACHARYA ET AL., "Method of Generating a Length-Constrained Huffman Code," Filed 11/30/2000, Application No.: 09/705,314, pp. 1-17, Atty. Docket No.: 042390.P10245.	
	98	TINKU ACHARYA, "Method & Apparatus for Two-Dimensional Seperable Symmetric Filtering," Filed 11/15/2000, Application No.: 09/713,663, pp. 1-20, Atty. Docket No.: 5038-80 (P10409).	
	99	TINKU ACHARYA, "Method & Apparatus for Multiply-Accumulate Two-Dimensional Separable Symmetric Filtering," Filed 11/20/2000, Application No.: 09/718,877, pp. 1-13, Atty. Docket No.: 5038-83 (P10545).	
	100	ACHARYA ET AL., "Developing an Euler Vector for Images," Filed 11/27/2000, Application No.: 09/722,979, pp. 1-45, Atty. Docket No.: INTL-0495-US (P10405).	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 8 of 9

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Application Number	10/664,023
Filing Date	9/15/2003
First Named Inventor	Tinku Acharya
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P15466X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T†
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Sheet 9 of 9

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Application Number **10/664,023**

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First Named Inventor : Tinku Acharya

Art Unit	Not Assigned
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